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RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/873,319A

DATE: 01/08/2002  
TIME: 15:58:16

Input Set: I873319A1.RAW

This Raw Listing contains the General Information  
Section and up to first 5 pages.

1 <110> APPLICANT: Munger, William E.  
2 Kulkarni, Prakash  
3 Getzenberg, Robert H.  
4 Waga, Iwao  
5 Yamamoto, Jun  
6 <120> TITLE OF INVENTION: Identifying Drugs for and Diagnosis of Benign Prostatic  
7 Hyperplasia Using Gene Expression Profiles  
8 <130> FILE REFERENCE: 44921-5029-US  
9 <140> CURRENT APPLICATION NUMBER: US/09/873,319A  
10 <141> CURRENT FILING DATE: 2001-06-05  
11 <150> EARLIER APPLICATION NUMBER: US 60/223,323  
12 <151> EARLIER FILING DATE: 2000-08-07  
13 <160> NUMBER OF SEQ ID NOS: 755  
14 <170> SOFTWARE: PatentIn Ver. 2.1  
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16 <211> LENGTH: 333  
17 <212> TYPE: DNA  
18 <213> ORGANISM: Homo sapiens  
19 <220> FEATURE:  
20 <223> OTHER INFORMATION: Genbank Accession No. AA004699  
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24 gccagccac caccgcgaga acactatttg ggctggagtg tgaccgccga ggtgatcctg 180  
25 gcaggaggct ggggttggt cctcgactcc acaaacactg aggagtgggt ggggacacca 240  
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37 ctacactatt atttaaaaaa aaaactcaca aaaagaaaaa tggtatcact acaagtagga 180  
38 attagaagag agaaatcctg gcagtctgtc tagagggttaa aacatttcat gcatttgtga 240  
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41 <211> LENGTH: 468  
42 <212> TYPE: DNA  
43 <213> ORGANISM: Homo sapiens  
44 <220> FEATURE:

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FEB 21 2002

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PATENT APPLICATION US/09/873,319ADATE: 01/03/2002  
TIME: 15:33:15

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53 gtttagtaat cgtctaagaa taattgtaga aataaccca attccaccat cccagccact 180  
54 ggtataaaac aaataccttc catgaaactg tctttcacat aactaaaata tcctcactta 240  
55 cttggaacaa tttcatgctt acacatgac acaaacattt gtttttagat gttgtggaat 300  
56 tactggagct gagatttctg aaacaatatc tgaatcttag cagagagata ataatccttt 360  
57 cactatacat tgcttgggct tccttaacca aatctgagta actactggta ataataatgc 420  
58 tgggtgtagt ccatgatact ctcaaatattt tccctttaag aaatatan 468  
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62 <213> ORGANISM: Homo sapiens  
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64 <223> OTHER INFORMATION: Genbank Accession No. AA017063  
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66 <221> NAME/KEY: unsure  
67 <222> LOCATION: (1)..(163)  
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81 gatcactggg aaatatcatt tacactgggg ttgggaactc cctgggtgtc attttttttc 120  
82 gttcatttta ttattttgct gatttttttt ttgcatgtga ttttaaattt tatttcaaca 180  
83 tagaagtaac catatc 196  
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85 <211> LENGTH: 482  
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PATENT APPLICATION US/09/873,319ADATE: 01/03/2002  
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97 tgaccactcc ataggcagag aaacgtcact ttaaggtttt gacatcaatt gatttttgtc 180  
98 caaatcaata attactgcaa tgattgaaaa atgattatta ctaagtttgt tttcattgtc 240  
99 tcaaggtctg ctgaactctg gatccaggct gtgtcaacag ggtagtgtgg tgccctctgt 300  
100 acctgtcttg gctcctaca gtcttttta cttattttgt tttttagaat tagagacagg 360  
101 gtcttactat gttgtcaga ctgggnttca aactcctagg ctcaagcaat ctccagcct 420  
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103 tt 482

104 <210> SEQ ID NO 7  
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107 <213> ORGANISM: Homo sapiens  
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116 aagagtgcac gccgggtaaa ttcagggtgg cttttttctc aggggtctga agtgtgagag 120  
117 tttctggggc agactttttc cggggccgat ctttggaac ggacagaaat tcgggtgcgt 180  
118 ctgtggagag aggggtggat ggagcactag aaggcgcact gcggacngaa aaaaggcccc 240  
119 ccccg 245

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128 cattcaagtc aataccctgg agaaaagagg ctgtggggga ggccatgttc gattaggagg 120  
129 ttttaagagtc catcaaagtg tcatatgtgt taggtgtgaa atggcgacac tgggaattac 180  
130 tgtaataaag ggggtgctgc agcacggtga ttgttatgag aacatcccca ccgccccact 240  
131 tttgtttgaa gactttcgta ctgaactaca tgtgttttac tttcaacaac gtatacacta 300  
132 cagttgacaa aagttaatct cggtgataag aatatgc 337

133 <210> SEQ ID NO 9  
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138 <223> OTHER INFORMATION: Genbank Accession No. AA026641  
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146 ggggtggaag gacctggacc acacagagca ggactccaga gcctcctcca tatggcagga 180  
147 atcaagcttt cacaggggaa acgcaggatt tcccacacat gcccatgcaa cacttcaagt 240  
W--> 148 cacgcttgca ctggccatcc atctcacaga aattgggggg gttnagcatc naacattggc 300  
W--> 149 canaantcac tnggnacttn ccaagggttn cnccttggtg ggnttngggg ggtnnacagg 360  
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159 atctttaagt gaattacttt ataaatgtga ctgtcaaaagt cagctatcct atgatctaca 120  
160 ttttacaaca tattgtacaa aagatacatt gataggctct tatctattta tatatttata 180  
161 attacatatt gcacttggac cagcaaggct tgcagagtca ttcacggtag aagttaataa 240  
162 agttaaatag atgggaatct ttgtaagtac aattgatctc ctctggtttg gaaacgaatc 300  
163 tcctcgtcgt tgtaaagtgt tctcgcgggg tgggacagag agaggagcat tgcgaggggg 360  
164 aagcagagac agagagcact gagggcaggg gtgcgcttcc cggggcccg ccccccg 420  
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167 <211> LENGTH: 422  
168 <212> TYPE: DNA  
169 <213> ORGANISM: Homo sapiens  
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179 atatcaagat ttcatatgaa ttatagtata atccagaagt atgaaaaaat acatcatatt 180  
180 taacttataa agcattcatc tgcattgtat aagatattac agtaaataca attaggtact 240  
W--> 181 taccatttta tctttacttt aaaaacaatg cctnttccaa aatataaaaa aaagacctat 300  
W--> 182 ttttaaagan ctattttaaag atngcttttg aaaacaacac ttttatntta cnacaaatag 360  
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184 gg 422

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190 <223> OTHER INFORMATION: Genbank Accession No. AA029597  
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194 aataaatagt cttaaataag aaaacaaaca ggttgaagga aagcaagctc atcgtcctga 180

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198 <211> LENGTH: 186  
199 <212> TYPE: DNA  
200 <213> ORGANISM: Homo sapiens  
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W- 210 atgtaagaga caaatagaca acaacattct ccttgaatct ggaaaaaagc nagccnttag 180  
W- 211 ggtgcc 186  
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W- 225 tgtgtcctgt agctttttta aaggaaaccc agtcatocca ctatgaatct ggcattctct 180  
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W--> 240 aaccagcag agagcagtac aantcagcat gcggtcccng atagctgaag tctcgggcn 180  
W- 241 gccagtgtt ccctgaggaa naggcttctg nggtgganag nactcctggc ccagggtggnc 240  
W- 242 ccaccagann ntcnntgacc ntctcnanga gacttgc nag gtangcagct ccnnacacc 300  
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244 caccaaggct tggggggctg ggggggctg ctggcccagt gaagatgcag tggctgttc 420

Use of n and/or Xaa has been detected in the Sequence Listing.

Review the Sequence Listing to insure a corresponding  
→ explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.